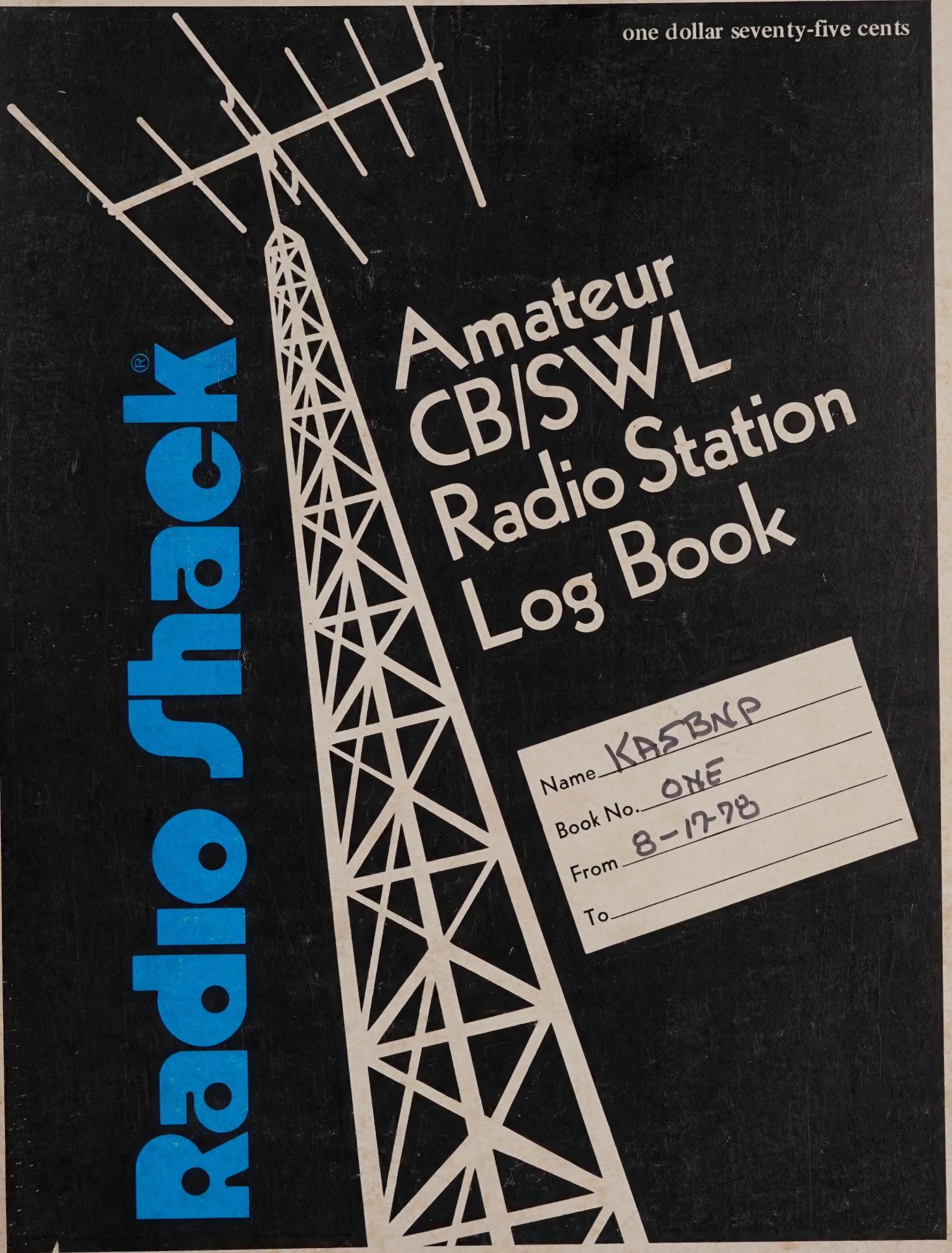
one dollar seventy-five cents



Radio Shack®

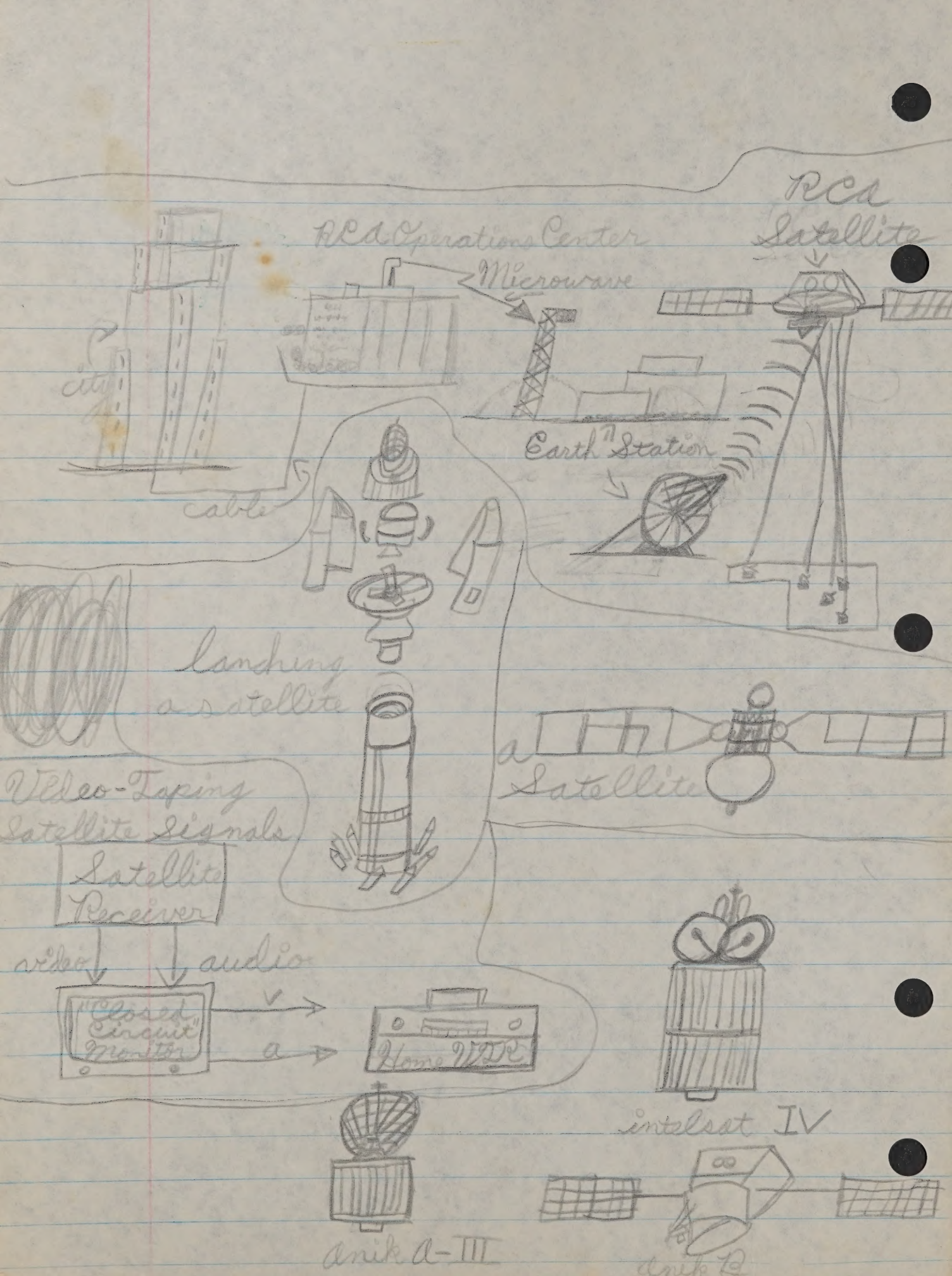
Amateur CB/SWL Radio Station Log Book

Name KA5BNP

Book No. ONE

From 8-17-78

To


RCA
Satellite
RCA Operations Center
Microwave
city
cable
Earth Station
landing
a satellite
a
Satellite
Video-Taping
Satellite Signals
Satellite
Receiver
video
audio
"Closed
Circuit"
Monitor
v
a
Home VCR
intelsat IV
anik A-III

LOG IDENTIFICATION

The call of this station is KA5BNP ☒ Amateur Radio ☐ Citizens Radio. In this Log the call letters may be identified with an "X". Unless indicated otherwise (in the Remarks column). the Operator is _____ (Your Signature). Time is recorded in GMT Time. The location(s) of this station is: RT. 5, BOX 364, GUTHRIE, OKLAHOMA 73044

This log is for multiple use and application. You can use it for Amateur Radio (Ham), Citizens Radio (CB) or Short Wave Listening. It has been organized so you can use it for any or all of these applications.

Amateur Radio Operators **must** keep an accurate log of all transmission activity. Many CBers voluntarily keep a log. Most Short Wave listeners like to keep a log to record their monitoring achievements. Rather than keeping three separate logs, you can use this single book for all three purposes. At the top of each page, check off the application in the space provided. You may prefer to divide your log into three separate sections (with tabs, colored paper inserts, etc.) and mark each section appropriately.

The introductory information in this log book is divided into four sections:

I. General Information
II. Amateur Radio Use
III. Citizens Radio Use
IV. Short Wave Listening Use

I. GENERAL INFORMATION

A log book is not just to meet with the approval and requirements of the FCC; it can become a very personal record of your acomplishments as a Ham, CB Operator or Short Wave Listener. As a matter of fact, as noted before, a Log is **not** required by the FCC for CB or SWL use. Log records will not only show the progression of your experience, but also can be fun to review past contacts, experiences, records and unusual achievements.

Before using your Log, fill in the "Log Information" section at the beginning of this page.

The first column on the Log pages is for Date and Time. Many operators prefer to use the 24-hour time system and note the time in GMT (Greenwich Mean Time or UT, Universal Time). Whatever form of time you use, be consistent. The chart below will aid you in converting your local time to GMT (or vice versa). It is a good idea to obtain a 24-hour clock for your station and set it to GMT and use it for all Log records.

TIME CONVERSION CHART

GMT	EST CDST	CST MDST	MST PDST	PST	GMT
0000*	1900	1800	1700	1600	0000*
0100	2000	1900	1800	1700	0100
0200	2100	2000	1900	1800	0200
0300	2200	2100	2000	1900	0300
0400	2300	2200	2100	2000	0400
0500	0000*	2300	2200	2100	0500
0600	0100	0000*	2300	2200	0600
0700	0200	0100	0000*	2300	0700
0800	0300	0200	0100	0000*	0800
0900	0400	0300	0200	0100	0900
1000	0500	0400	0300	0200	1000
1100	0600	0500	0400	0300	1100
1200	0700	0600	0500	0400	1200
1300	0800	0700	0600	0500	1300
1400	0900	0800	0700	0600	1400
1500	1000	0900	0800	0700	1500
1600	1100	1000	0900	0800	1600
1700	1200	1100	1000	0900	1700
1800	1300	1200	1100	1000	1800
1900	1400	1300	1200	1100	1900
2000	1500	1400	1300	1200	2000
2100	1600	1500	1400	1300	2100
2200	1700	1600	1500	1400	2200
2300	1800	1700	1600	1500	2300

*is the same as 2400. 2400 is associated with the end of a day; 0000 is associated with the start of a new date and day.

You will note that EST is 5 hours "earlier" than GMT, CST is 6 hours "earlier", etc.

GMT = Greenwich Mean Time (also called Universal Time).
EST = East Standard Time
CST = Central Standard Time
CDST = Central Daylight-Saving Time
MST = Mountain Standard Time
MDST = Mountain Daylight-Saving Time
PST = Pacific Standard Time
PDST = Pacific Daylight-Saving Time

For time zones around the world, refer to a World Atlas.

II. AMATEUR RADIO USE

The Federal Communications Commission requires that every Amateur Radio Operator keep an accurate, up-to-date Log of all station transmissions. This Log meets all FCC requirements for record-keeping.

It is important that you are constantly aware of current FCC regulations. We suggest you subscribe to one of the fine Ham Radio periodicals to keep up with the latest changes.

Log Entries

Date and Time—enter the date of each transmission (it is adequate to note the date just once at the beginning of a day's activity and leave the column blank until the next new date). Be consistent in the time entries (for example, 24-hour system, GMT or EST—whatever system you use, be consistent).

Station Called—(**or Monitored** is for CB & SWL) enter the call letters of the station you call, or note CQ if making a general call. Or, if you are called by another station, place an "X" in this column for your own station call sign. Note "Test" if your transmission was just a test.

Caution: You must record every transmission, even if it is a brief test. Any time an RF signal is radiated from your antenna, you must record such activity in your log.

Called—(**or Monitored by** is for CB & SWL) If you made the call, place an "X" in this column. If another station initiated the call, place his call sign in this column.

His Freq.—(**or Channel** is for CB) Note the frequency of the station as indicated on your receiver dial.

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His Signal Strength & Quality—for Ham use, follow the standard RST system (see chart below).

The next five columns are for Ham & CB use only.

My Signal RST—enter the RST report given by the station you contact.

Freq.—(**or Channel** is for CB) Note the frequency band of your transmission. FCC does not require specific frequency—although many Hams prefer to enter the actual frequency.

Emission Type—enter the type of emission in this column, following the standard forms noted here:

A0	Steady, unmodulated carrier
A1	Telegraphy on continuous wave (CW)
A2	Telegraphy by amplitude tone-modulation (keyed modulation emission)
A3	Amplitude modulation
A3A	Single-sideband amplitude modulation
A4	Facsimile
A5	Television
F1	Frequency-shift keying (f.s.k.)
F2	Audio-frequency-shift keying (a.f.s.k.)
F3	Frequency or phase modulation
NFM	Narrow band f.m.
P	Pulse

Power Input (watts)—enter the power input to the final stage of the transmitter circuitry.

Time of end of QSO—note the time of the ending of your transmission indicated on this line of the log.

Remarks—use this column for such information as location of stations worked, your own location if you are operating mobile, names of operators, messages handled, band conditions, results of calls, beam direction, antenna used, etc.

Important Note: The signature of any other operator must be entered in the **Remarks** column next to any transmissions that operator made.

QSL S R—note if you sent a QSL card under S (sent) and mark R (received) if you receive a QSL card from the station noted on this line.

Notes on Log Entries and Ham Operating Practices

In many instances, it is adequate to make only one entry if the information noted does not change from line to line. For example, make one entry for a single date and leave the Date column blank until a new date of operation (the same is true of the Frequency, Type of Emission and Power).

FCC requires that you keep copies of all messages sent or received. You may want to obtain standard message forms for message handling.

Leave some blank pages in the log for calculations, notes, tuning adjustments, dial settings, etc.

In all your Ham activity always be sure to observe all FCC regulations. Check your frequency of operation to be sure you are within your allotted band of operation. Be courteous.

Q SIGNALS

For brevity, Hams use a system of Q abbreviations. To indicate a question, use ? after the Q-signal. Here are the most common Q-signals.

CQ	General call to any station (no special or emergency significance)
QRG	Will you tell me my exact frequency (or that of .....)? Your exact frequency (or that of .....) is.....KHz.
QRH	Does my frequency vary? Your frequency varies.
QRI	How is the tone of my transmission? The tone of your transmission is.....(1. Good; 2. Variable; 3. Bad).
QRK	What is the readability of my signals (or those of .....)? The readability of your signals (or those of.....) is.....(1. Unreadable; 2. Readable now and then; 3. Readable but with difficulty; 4. Readable; 5. Perfectly readable).
QRL	Are you busy? I am busy (or I am busy with .....). Please do not interfere.
QRM	Are you being interfered with? I am interfered with.
QRN	Are you troubled by static? I am being troubled by static.
QRO	Must I increase power? Increase power.
QRP	Must I decrease power? Decrease power.
QRQ	Shall I send faster? Send faster (.....words per min.).
QRS	Shall I send more slowly? Send more slowly (.....w.p.m.).
QRT	Shall I stop sending? Stop sending.
QRU	Have you anything for me? I have nothing for you.
QRV	Are you ready? I am ready.
QRW	Shall I tell.....that you are calling him on .....KHz? Please inform.....that I am calling on.....KHz.
QRX	When will you call me again? I will call you again at.....hours (on.....kc.).
QRZ	Who is calling me? You are being called by ..... (on.....kc.).
QSA	What is the strength of my signals (or those of .....)? The strength of your signals (or those of.....) is.....(1. Scarcely perceptible; 2. Weak; 3. Fairly good; 4. Good; 5. Very good).
QSB	Are my signals fading? Your signals are fading.
QSD	Is my keying defective? Your keying is defective.
QSG	Shall I send.....messages at a time? Send ..... messages at a time.
QSL	Can you acknowledge receipt? I am acknowledging receipt.
QSM	Shall I repeat the last message which I sent you, or some previous message? Repeat the last message which you sent me [or message(s) number(s).....].
QSO	Can you communicate with.....direct or by relay? I can communicate with.....direct (or by relay through.....).
QSP	Will you relay to.....? I will relay to.....
QSV	Shall I send a series of Vs on this frequency (or .....KHz.)? Send a series of Vs on this frequency (or.....KHz.).
QSW	Will you send on this frequency (or on..... KHz.)? I am going to send on this frequency (or on.....KHz.).
QSX	Will you listen to.....on.....KHz? I am listening to.....on.....KHz.
QSY	Shall I change to transmission on another frequency? Change to transmission on another frequency (or on.....KHz.).
QSZ	Shall I send each word or group more than once? Send each word or group twice (or.....times).
QTA	Shall I cancel message number.....as if it had not been sent? Cancel message number..... as if it had not been sent.
QTB	Do you agree with my counting of words? I do not agree with your counting of words; I will repeat the first letter or digit of each word or group.
QTC	How many messages have you to send? I have .....messages for you (or for.....).
QTH	What is your location? My location is.....
QTR	What is the exact time? The time is.....

THE R-S-T SYSTEM

For many years Hams have used a simple system of evaluating the strength and quality of a transmission; **R**eadability-Signal **S**trength-**T**one (tone is for CW signals only).

READABILITY

1 Unreadable
2 Barely readable, occasional words distinguishable
3 Readable with considerable difficulty
4 Readable with practically no difficulty
5 Perfectly readable

SIGNAL STRENGTH

1 Faint signals, barely perceptible
2 Very weak signals
3 Weak signals
4 Fair signals
5 Fairly good signals
6 Good signals
7 Moderately strong signals
8 Strong signals
9 Extremely strong signals

TONE

1 Extremely rough hissing sound
2 Very rough a.c. note, no trace of musicality
3 Rough low-pitched a.c. note, slightly musical
4 Rather rough a.c. note, moderately musical
5 Musically-modulated note
6 Modulated note, slight trace of whistle
7 Near d.c. note, smooth ripple
8 Good d.c. note, just a trace of ripple
9 Purest d.c. note

Note: If the signal has the characteristic steadiness of crystal control, add the letter "X" to the RST report. Use "C" if "chirp" is present. "K" is used for "click."

MESSAGE HANDLING

If you intend to handle messages as a normal part of your Ham activity, you may want to obtain a pad of standard message forms (from ARRL or other amateur radio organization). Also, you should be aware that there are many abbreviations and numbered standard radiograms used for message handling. Again, we suggest you refer to the various Amateur Radio organizations and periodicals for information about message handling.

PHONETIC ALPHABET

When handling messages or under difficult band conditions, use the following phonetic designations for the alphabet. Don't overdo the use of phonetics.

A	ALFA	N	NOVEMBER
B	BRAVO	O	OSCAR
C	CHARLIE	P	PAPA
D	DELTA	Q	QUEBEC
E	ECHO	R	ROMEO
F	FOXTROT	S	SIERRA
G	GOLF	T	TANGO
H	HOTEL	U	UNIFORM
I	INDIA	V	VICTOR
J	JULIET	W	WHISKEY
K	KILO	X	X-RAY
L	LIMA	Y	YANKEE
M	MIKE	Z	ZULU

A number of phonetic alphabets have been in use over a period of years. This is the generally accepted standard (International Civil Aviation Organization); use it to be sure your information is understood correctly.

C.W. ABBREVIATIONS

When using the Morse Code, abbreviations are useful to speed communications. Always use abbreviations sparingly when contacting an operator of unknown experience and ability. Below is a list of standard CW abbreviations.

AA	All after
AB	All before
ABT	About
ADR	Address
AGN	Again
ANT	Antenna
BCI	Broadcast interference
BCL	Broadcast listener
BK	Break; break me; break in
BN	All between; been
B4	Before
C	Yes
CFM	Confirm; I confirm
CK	Check
CL	I am closing my station; call
CLD-CLG	Called; calling
CUD	Could
CUL	See you later
CUM	Come
CW	Continuous wave
DLD-DLVD	Delivered
DX	Distance, foreign countries
ECO	Electron-coupled oscillator
ES	And, &
FB	Fine business; excellent
GA	Go ahead (or resume sending)
GB	Good-bye
GBA	Give better address
GE	Good evening
GG	Going
GM	Good morning
GN	Good night
GND	Ground
GP	Ground plane
GUD	Good
HI	The telegraphic laugh; high
HR	Here; hear
HV	Have
HW	How
LID	A poor operator
MA, MILS	Milliamperes
MSG	Message; prefix to radiogram
N	No
ND	Nothing doing
NIL	Nothing; I have nothing for you
NM	No more
NR	Number
NW	Now; I resume transmission
OB	Old boy
OM	Old man
OP-OPR	Operator
OSC	Oscillator
OT	Old timer; old top
PBL	Preamble
PSE	Please
PWR	Power
PX	Press
R	Received as transmitted; are
RAC	Rectified alternating current
RCD	Received
REF	Refer to; referring to; reference
RIG	Station equipment
RPT	Repeat; I repeat
RX, RCVR	Receiver
SED	Said
SEZ	Says
SIG	Signature; signal
SINE	Operator's personal initials or nickname
SKED	Schedule
SRI	Sorry
SVC	Service; prefix to service message
TFC	Traffic
TMW	Tomorrow
TNX-TKS	Thanks
TT	That
TU	Thank you
TVI	Television interference
TVL	Television listener
TX	Transmitter
TXT	Text
UR-URS	Your; you're; yours
VFO	Variable-frequency oscillator
VY	Very
WA	Word after
WB	Word before
WD-WDS	Word; words
WKD-WKG	Worked; working
WL	Well; will
WUD	Would
WX	Weather
XMTR	Transmitter
XTAL	Crystal
YF (XYL)	Wife
YL	Young lady
73	Best regards
88	Love and kisses

AMATEUR RADIO CALL PREFIXES

To aid you in contacting and identifying Amateur Radio Call Signs from around the world, we have noted a current listing of prefixes.

A2 ..... Botswana
AC3 ..... Sikkim
AC4 ..... Tibet
AC1, 2, 5-0 ..... Bhutan
AP ..... Pakistan
BV ..... Taiwan
BY ..... China
C2 ..... Nauru
C3 ..... Andorra
CE ..... Chile
CE9AA-AM, FB8Y, KC4, LA, LU-Z, OR, UA1, VKO, VP8, ZL5, 8J .. Antarctica
CE0A ..... Easter Island
CE0Z ..... Juan Fernandez Archipelago
CE0X ..... San Felix
CM, CO ..... Cuba
CN2, 8, 9 ..... Morocco
CP ..... Bolivia
CR3 ..... Portuguese Guinea
CR4 ..... Cape Verde Islands
CR5 ..... Principe, Sao Thome
CR6 ..... Angola
CR7 ..... Mozambique
CR8 ..... Portuguese Timor
CR9 ..... Macao
CT1 ..... Portugal
CT2 ..... Azores
CT3 ..... Madeira Islands
CX ..... Uruguay
DJ, DK, DL, DM ..... Germany
DU, DX ..... Philippine Islands
EA ..... Spain
EA6 ..... Balearic Islands
EA8 ..... Canary Islands
EA9 ..... Rio de Oro
EA9 ..... Ceuta, Melilla
EI ..... Republic of Ireland
EL ..... Liberia
EP ..... Iran
ET3, 9F ..... Ethiopia
F ..... France
FB8Z ..... Amsterdam & St. Paul Isls.
FB8Y ..... (See CE9AA-AM)
FB8W ..... Crozet Island
FB8X ..... Kerguelen Islands
FC (unofficial) ..... Corsica
FG7 ..... Guadeloupe
FH8 ..... Comoro Islands
FK8 ..... New Caledonia
FL8 ..... French Somaliland
FM7 ..... Martinique
FO8 ..... Clipperton Island
FO8 ..... French Oceania
FP8 ..... St. Pierre & Miquelon Islands
FR7 ..... Glorioso Islands
FR7 ..... Juan de Nova
FR7 ..... Reunion
FR7 ..... Tromelin
FS7 ..... Saint Martin
FW8 ..... Wallis & Futuna Islands
FY7 ..... French Guiana & Inini
G ..... England
GC ..... Guernsey & Dependencies
GC ..... Jersey Island
GD ..... Isle of Man
GI ..... Northern Ireland
GM ..... Scotland
GW ..... Wales
HA, HG ..... Hungary
HB ..... Switzerland
HB0 ..... Liechtenstein
HC ..... Ecuador
HC8 ..... Galapagos Islands
HH ..... Haiti
HI ..... Dominican Republic
HK ..... Colombia
HK0 ..... Bajo Nuevo
HK0 ..... Malpelo Island
HK0 ..... San Andres and Providencia
HK0 ..... (See KS4B)
HL, HM ..... Korea
HP ..... Panama
HR ..... Honduras
HS ..... Thailand
HV ..... Vatican
HZ, 7Z ..... Saudi Arabia
I, IT ..... Italy
IS ..... Sardinia
JA, JR, JH, KA ..... Japan
JD ..... Ogasawara Isls.
JD ..... Minami Torishima
JT ..... Mongolia
JW ..... Svalbard
JX ..... Jan Mayen
JY ..... Jordan
K, W ..... United States of America
KB6 ..... Baker, Howland & American Phoenix Islands
KC4 ..... Navassa Island
KC4 ..... (See CE9AA-AM)
KC6 ..... Eastern Caroline Islands
KC6 ..... Western Caroline Islands
KG4 ..... Guantanamo Bay
KG6 ..... Guam
KG6R, S, T ..... Mariana Islands
KH6 ..... Hawaiian Islands
KH6 ..... Kure Island
KJ6 ..... Johnston Island
KL7 ..... Alaska
KM6 ..... Midway Islands
KP4 ..... Puerto Rico
KP6 ..... Palmyra Group, Jarvis Island
KR6, 8 ..... Ryukyu Islands
KS4B, HK0 ..... Serrana Bank & Roncador Cay
KS4 ..... Swan Islands
KS6 ..... American Samoa
KV4 ..... Virgin Islands
KW6 ..... Wake Island
KX6 ..... Marshall Islands
KZ5 ..... Canal Zone
LA, LG ..... Norway
LA ..... (See CE9AA-AM)
LU ..... Argentina
LU ..... (See CE9AA-AM)
LX ..... Luxembourg
LZ ..... Bulgaria
M1, 9A1 ..... San Marino
MP4B ..... Bahrein
MP4Q ..... Qatar
MP4M, VS9O ..... Sultanate of Muscat & Oman
MP4D, T ..... Trucial Oman
OA ..... Peru
OD5 ..... Lebanon
OE ..... Austria
OH, OF ..... Finland
OH0 ..... Aland Islands
OJ0 ..... Market
OK, OL ..... Czechoslovakia
ON ..... Belgium
OR ..... (See CE9AA-AM)
OX, XP ..... Greenland
OY ..... Faroe Islands
OZ ..... Denmark
PA, PD, PE, PI ..... Netherlands
PJ ..... Netherlands Antilles
PJ ..... Saint Martin
PY ..... Brazil
PY0 ..... Fernando De Noronha
PY0 ..... St. Peter & St. Paul's Rocks
PY0 ..... Trindade & Martim Vaz Islands
PZI ..... Surinam
SK, SL, SM ..... Sweden
SP ..... Poland
ST2 ..... Sudan
SU ..... Egypt
SV ..... Crete
SV ..... Dodecanese
SV ..... Greece
TA ..... Turkey
TF ..... Iceland
TG ..... Guatemala
TI ..... Costa Rica
TI9 ..... Cocos Island
TJ ..... Cameroun
TL ..... Central African Republic
TN ..... Congo Republic
TR ..... Gabon Republic
TT ..... Chad Republic
TU ..... Ivory Coast
TY ..... Dahomey Republic
TZ ..... Mali Republic
UA, UK, UV, UW1-6, UN1 ..... European Russian S.F.S.R.
UA1, UK ..... (See CE9AA-AM)
UA1, UK ..... Franz Josef Land
UA2, UK ..... Kaliningradsk
UA, UK, UV, UW9, 0 ..... Asiatic Russian S.F.S.R.
UB5, UK, UT5 UY5 ..... Ukraine
UC2, UK ..... White Russian S.S.R.
UD6, UK ..... Azerbaijan
UF6, UK ..... Georgia
UG6, UK ..... Armenia
UH8, UK ..... Turkoman
UI8, UK ..... Uzbek
UJ8, UK ..... Tadzhik
UL7, UK ..... Kazakh
UM8, UK ..... Kirghiz
UO5, UK ..... Moldavia
UP2, UK ..... Lithuania
UQ2, UK ..... Latvia
UR2, UK ..... Estonia
VE ..... Canada
VK ..... Australia
VK ..... Lord Howe Island
VK ..... Willis Islands
VK9X ..... Christmas Islands
VK9Y ..... Cocos Islands
VK9N ..... Norfolk Island
VK9AA-MZ ..... Papua Territory
VK9AA-MZ ..... Territory of New Guinea
VK0 ..... Heard Island
VK0 ..... Macquarie Island
VK0 ..... (See CE9AA-AM)
VO ..... Newfoundland, Labrador
VP1 ..... British Honduras
VP2E, K ..... Anguilla
VP2A ..... Antigua, Barbuda
VP2V ..... British Virgin Islands
VP2D ..... Dominica
VP2G ..... Granada & Dependencies
VP2M ..... Montserrat
VP2K ..... St. Kitts, Nevis
VP2L ..... St. Lucia
VP2S ..... St. Vincent & Dependencies
VP5 ..... Turks & Caicos Islands

Amateur Radio Call Prefixes—continued

VP7 ..... Bahama Islands
VP8 ..... (See CE9AA-AM)
VP8 ..... Falkland Islands
VP8, LU-Z ..... South Georgia Islands
VP8, LU-Z ..... South Orkney Islands
VP8, LU-Z .... South Sandwich Islands
VP8, LU-Z, CE9 .. So. Shetland Islands
VP9 ..... Bermuda Islands
VQ1 ..... Zanzibar
VQ9 ..... Aldabra Islands
VQ9 ..... Chagos Islands
VQ9 ..... Desroches
VQ9 ..... Farquhar
VQ9 ..... Seychelles
VR1 ..... British Phoenix Islands
VR1 ..... Gilbert & Ellice Islands & Ocean Island
VR2 ..... Fiji Islands
VR3 ..... Fanning & Christmas Islands
VR4 ..... Solomon Islands
VR5 ..... Tonga Islands
VR6 ..... Pitcairn Island
VS5 ..... Brunei
VS6 ..... Hong Kong
VS9 A, P, S ..... South Yemen
VS9K ..... Kamaran Islands
VS9M, 8Q ..... Maldive Islands
VS90 ..... (See MP4M)
VU ..... Andaman and Nicobar Islands
VU ..... India
VU ..... Laccadive Islands
W ..... (See K)
XE, XF ..... Mexico
XF4 ..... Revilla Gigedo
XP ..... (See OX)
XT ..... Voltaic Rep.
XU ..... Cambodia
XV5 ..... (See 3W8)
XW8 ..... Laos
XZ2 ..... Burma
YB ..... Indonesia
YA ..... Afghanistan
YI ..... Iraq
YJ ..... New Hebrides
YK ..... Syria
YN, YN0 ..... Nicaragua
YO ..... Rumania
YS ..... Salvador
YU, YT ..... Yugoslavia
YV ..... Venezuela
YV0 ..... Aves Island
ZA ..... Albania
ZB2 ..... Gibraltar
ZC4 ..... (See 5B4)
ZD3 ..... The Gambia
ZD5 ..... Swaziland
ZD7 ..... St. Helena
ZD8 ..... Ascension Island
ZD9 ..... Tristan da Cunha & Gough Islands
ZE ..... Rhodesia
ZF1 ..... Cayman Islands
ZK1 ..... Cook Islands
ZK1 ..... Manihiki Islands
ZK2 ..... Niue
ZL ..... Auckland Isl. & Campbell Isl.
ZL ..... Chatham Islands
ZL ..... Kermadec Islands
ZL ..... New Zealand
ZL5 ..... (See CE9AA-AM)
ZM7 ..... Tokelau (Union) Islands
ZP ..... Paraguay
ZS1, 2, 4, 5, 6 ..... South Africa
ZS2 ..... Prince Edward & Marion Islands
ZS3 ..... South-West Africa
3A ..... Monaco
3B6 ..... Agalega
3B7 ..... St. Brandon
3B8 ..... Mauritius
3B9 ..... Rodriguez
3C ..... Equatorial Guinea
3V8 ..... Tunisia
3W8, XV5 ..... Vietnam
3X ..... Rep. of Guinea
3Y ..... Bouvet
4S7 ..... Ceylon
4U ..... I.T.U. Geneva
4W ..... Yemen
4X, 4Z ..... Israel
5A ..... Libya
5B4 ..... Cyprus
5H3 ..... Tanganyika
5N2 ..... Nigeria
5R8 ..... Malagasy Rep.
5T ..... Mauritania
5U7 ..... Niger Rep.
5V ..... Togo
5W1 ..... Western Samoa
5X5 ..... Uganda
5Z4 ..... Kenya
6O1, 2, 6 ..... Somali Rep.
6W8 ..... Senegal Rep.
6Y ..... Jamaica
7P ..... Lesotho
7Q ..... Nyasaland
7X ..... Algeria
7Z ..... (See HZ)
8J ..... (See CE9AA-AM)
8P ..... Barbados
8Q ..... (See VS9M)
8R ..... Guyana
8Z4 ..... Saudi Arabia/Iraq N.Z.
8Z5 ..... (See 9K3)
9A1 ..... (See M1)
9F ..... (See ET3)
9G1 ..... Ghana
9H1 ..... Malta
9J ..... Zambia
9K2 ..... Kuwait
9K3, 8Z5 ..... Kuwait/Saudia Arabia Neutral Zone
9L1 ..... Sierra Leone
9M2 ..... Malaya
9M6 ..... Sabah
9M8 ..... Sarawak
9N1 ..... Nepal
9Q5 ..... Rep. of Congo
9U5 ..... Burundi
9V1 ..... Singapore
9X5 ..... Rwanda
9Y4 ..... Trinidad & Tobago

III. CITIZENS BAND USE

The FCC does **not** require that CBers keep a log. However, many CB operators prefer to keep a log to record contacts, information and to maintain records. This Log has been designed for CB application.

Log Entries

Be sure to mark the top of the Log page for the appropriate application.

Date and Time—enter the day's date and time. Be consistent in the time system used (local, GMT or 24-hour).

Station Called or Monitored—enter the call sign of the station called or listened to. If you were called, enter an "X" (in Log entries, "X" always stands for the station call sign noted in the front of the Log).

Called or Monitored by—enter an "X" if you called, or are monitoring the station noted in the column to the left. If you were called, enter the call sign of the station which called you.

His Freq. or Channel—enter the channel on which the other station is transmitting.

His Signal Strength and Quality—enter a report of the strength and quality of the signal being received. You can use standard S-meter readings, a combination of Readability and Signal Strength (see RST System under Amateur Radio Use) or SINFO system (explained under Short Wave Listening Use). Or, you may develop your own method of signal reporting.

The next five (5) columns apply to your transmissions.

My Signal RST—enter a report of your signal strength and quality as provided by the other station. Use the same type of signal report system as noted in the last column.

Frequency or Channel—note your channel of operation.

Emission—note whether AM (normal Amplitude Modulation—Hams use the designation A3) or Single or Double Sideband (SSB or DSB).

Power Input (watts)—it is necessary to note your power input (5 watts normally) once and from then on, leave this column blank, unless your operating input power changes.

Time of end of QSO—if you are keeping accurate records, note the time of the end of your communication with this station.

Remarks—enter any additional information in this column; type of antenna used, messages, names of operators, notes, etc.

QSL S R—if you either Send or Receive acknowledgement of this contact and communication, check the appropriate column.

10 CODE SIGNALS

CBers, and many other types of radio operators, use a simple system of coded signals to aid in efficient communications. These are the "10" signals. Below is a listing of these signals. Any 10-code signal can be made into a question by using it as a question in your transmission.

10-1 Receiving Poorly
10-2 Receiving Well
10-3 Stop Transmitting
10-4 OK, Message Received
10-5 Relay Message
10-6 Busy, Stand By
10-7 Out Of Service, Leaving Air
10-8 In Service, Subject To Call
10-9 Repeat Message
10-10 Transmission Completed, Standing By
10-11 Talking Too Rapidly
10-12 Visitors Present
10-13 Advise Weather/Road Conditions
10-16 Make Pickup At _____
10-17 Urgent Business
10-18 Anything For Us?
10-19 Nothing For You, Return To Base
10-20 My Location Is _____
10-21 Call By Telephone
10-22 Report In Person To_____
10-23 Stand By
10-24 Completed Last Assignment
10-25 Can You Contact _____?
10-26 Disregard Last Information
10-27 I Am Moving To Channel _____
10-28 Identify Your Station
10-29 Time Is Up For Contact
10-30 Does Not Conform To FCC Rules
10-32 I Will Give You A Radio Check
10-33 EMERGENCY TRAFFIC AT THIS STATION
10-34 Trouble At This Station, Help Needed
10-35 Confidential Information
10-36 Correct Time Is _____
10-37 Wrecker Needed At _____
10-38 Ambulance Needed At _____
10-39 Your Message Delivered
10-41 Please Tune To Channel
10-42 Traffic Accident At _____
10-43 Traffic Tieup At _____
10-44 I Have A Message For You (Or _____
10-45 All Units Within Range Please Report
10-50 Break Channel _____
10-60 What Is Next Message Number?
10-62 Unable To Copy, Use Phone
10-63 Net Directed To _____
10-64 Net Clear
10-65 Awaiting Your Next Message/ Assignment
10-67 All Units Comply
10-70 Fire At _____
10-71 Proceed With Transmission In Sequence
10-73 Speed Trap At _____
10-75 You Are Causing Interference
10-77 Negative Contact
10-81 Reserve Hotel Room For _____
10-82 Reserve Room For _____
10-84 My Telephone Number Is _____
10-85 My Address Is _____
10-89 Radio Repairman Needed At ___
10-90 I Have TVI
10-91 Talk Closer To Mike
10-92 Your Transmitter Is Out Of Adjustment
10-93 Check My Frequency On This Channel
10-94 Please Give Me A Long Count
10-95 Transmit Dead Carrier For 5 Seconds
10-99 Mission Completed, All Units Secure
10-200 Police Needed At _____

Note: You may find it useful to refer back to the section titled AMATEUR RADIO USE for information and ideas for your CB use. For example, the Phonetic Alphabet will be helpful during critical communications transmissions.

IV. SHORT WAVE LISTENING USE

This Log can be used for recording and documenting Short Wave Listening achievements. FCC has no specific regulations applying totally to the hobby of Short Wave Listening (except relating to the height of antenna construction). Thus, the purpose of a Log is entirely personal and relates to proper documentation of all monitoring activities.

Short Wave Listening is a very fascinating hobby. Receiving equipment can be simple and inexpensive or very complex and costly. In either case (or anywhere inbetween) your enjoyment can be unlimited. There are many fine books on this subject; we urge you to invest in one or more. Also, there are a number of SWL Clubs and magazines and newsletters, any of which can be a good source of much information.

Log Entries

Date and Time—accurate entries are an absolute necessity for SWL monitoring verification and authentication. You probably will want to have a 24-hour clock in your SWL den; it is best to use the 24-hour GMT system of time keeping and reporting.

Station Monitored (Station called applies to Ham & CB) Be sure to enter adequate station identification in this column—either the call letters or the official name as used by the announcer or station operator.

His Freq. or Channel—be sure to record the frequency of the monitored station as accurately as possible.

His Signal Strength and Quality—this is an important entry for serious SWL work. We recommend using the SINFO system of reception quality (see below).

The next five (5) columns do not apply to SWL work and are used only for Amateur and CB log entries.

Remarks—this column can become the most important portion of your Log. You should note the type of receiver and antenna used, the country of the station monitored, various program details and any other information pertinent to the SWL activity. You may want to make note of any tape recording you made of the reception.

QSL S R—if you do make reception reports and/or send QSLs to the stations you receive, make a note in the S (sent) column. If and when you receive acknowledgement of your report, make a note in the R (received) column.

Notes on SWL Practices

The entire field of SWL (and other forms of radio listening and monitoring) is far too broad for us to attempt to cover even a small portion in this Log. As your interest grows, we know you will want to subscribe to one of the periodicals, purchase books and maybe join one of the SWL clubs or associations (either national or international).

We can not possibly present a complete list of representative radio stations around the world, but will give a brief listing of some of the more important international radio stations you might hear on the SWL bands. Remember, the Short Wave Bands are not the only frequencies where you can monitor interesting and exciting radio broadcasts. There are many other radio services on other bands. Again, we refer you to the many books and magazines covering this vast subject.

A brief listing of representative International Short Wave Radio Stations.

Time (GMT)	Frequency (MHz or Mc)	Location (and Call)
0000	7.250	Moscow
	9.690	Argentina LRA33
	15.095	Peking, China
0100	6.010	Rome
	6.160	East Germany
	9.225	Cuba
	17.840	Australia
0200	6.025	Portugal
	9.715	Philippines DZH7
	9.745	Ecuador HCJB
0300	4.885	Kenya
	5.808	Peru OAX7L
	6.140	Hungary
	9.525	Toyko
	11.850	Norway
	15.125	South Korea HLK41
	15.345	Taiwan BED49
0400	6.070	Bulgaria
	9.510	London
	14.520	North Korea
0500	6.145	West Germany DMQ6
	9.654	South Korea HLK5
	9.670	North Vietnam
	11.640	North Vietnam
0530	4.985	Malaysia
	5.940	Cambodia
	7.390	Syria
0600	11.975	Liberia ELWA
	21.535	Liberia ELWA
0630	4.911	Zambia
	7.090	Albania
0700	6.050	Ecuador HCJB
	7.120	Burma XZK4
	9.505	Czechoslovakia
	9.670	Switzerland
0730	5.990	Canada CKNA
	7.295	Monaco
	15.120	Poland
	3.205	Solomon Islands VQO3
0800	6.090	Liberia ELBC
	17.760	Pakistan
0830	9.715	Philippines DZF5
	15.305	Switzerland
0900	6.080	New Zealand ZL7
	9.640	London
	7.240	Kenya
1000	9.560	India VUD
	9.685	Taiwan BED73
1100	9.620	Sweden
	11.715	Indonesia YDF2
	15.220	South Africa
1200	3.300	British Honduras
	9.575	Rome
1230	4.870	Ceylon
	15.165	Denmark OZF4
1300	7.125	Poland
	9.760	North Vietnam
	11.850	Paris
1400	11.850	Mongolia
	13.750	North Korea
	17.820	Turkey TAV
1500	7.250	Vatican City
	9.610	Norway LLG
	15.125	South Korea HLK41
	21.545	Ghana
1600	9.555	Finland OIX2
	15.220	South Africa
	14.420	Sweden
1700	9.535	Angola
	9.565	Ethiopia ETLF
1800	17.735	Cuba
	11.810	Lebanon
1900	5.930	Czechoslovakia
	9.865	Indonesia YDF8
	15.155	Liberia ELWA
2000	7.265	Albania
	11.940	Rumania
	17.740	London
2045	9.725	Isreal 4XB51
	15.290	United Arab Republic
2130	6.070	Bulgaria
	7.125	Poland
2200	6.010	Rome
	7.200	Yugoslavia
	7.260	Taiwan BEC71
2215	11.965	Moscow
2300	7.580	North Korea
	15.190	Montreal, Canada

International Call-Sign Prefixes

The International Telecommunication Union has assigned various call sign designations to each country around the world. Here is a listing showing the Prefixes as assigned. You will find this list helpful in the identification of various radio stations as you monitor the radio waves.

AAA-ALZ	United States
AMA-AOZ	Spain
APA-ASZ	Pakistan
ATA-AWZ	India
AXA-AXZ	Australia
AYA-AZZ	Argentine Republic
BAA-BZZ	China
CAA-CEZ	Chile
CFA-CKZ	Canada
CLA-CMZ	Cuba
CNA-CNZ	Morocco
COA-COZ	Cuba
CPA-CPZ	Bolivia
CQA-CRZ	Portuguese Territories
CSA-CUZ	Portugal
CVA-CXZ	Uruguay
CYA-CZZ	Canada
DAA-DTZ	Germany
DUA-DZZ	Republic of the Philippines
EAA-EHZ	Spain
EIA-EJZ	Ireland
EKA-EKZ	Soviet Union
ELA-ELZ	Liberia
EMA-EOZ	Soviet Union
EPA-EQZ	Iran
ERA-ERZ	Soviet Union
ESA-ESZ	Estonia
ETA-ETZ	Ethiopa
EUA-EWZ	Soviet Bielorussia
EXA-EZZ	Soviet Union
FAA-FZZ	France and Territories
GAA-GZZ	Great Britain
HAA-HAZ	Hungary
HBA-HBZ	Switzerland
HCA-HDZ	Ecuador
HEA-HEZ	Switzerland
HFA-HFZ	Poland
HGA-HGZ	Hungary
HHA-HHZ	Republic of Haiti
HIA-HIZ	Dominican Republic
HJA-HKZ	Colombia
HLA-HMZ	Korea
HNA-HNZ	Iraq
HOA-HPZ	Panama
HQA-HRZ	Honduras
HSA-HSZ	Thailand
HTA-HTZ	Nicaragua
HUA-HUZ	El Salvador
HVA-HVZ	Vatican City
HWA-HYZ	France and Territories
HZA-HZZ	Saudi Arabia
IAA-IZZ	Italy and Territories
JAA-JSZ	Japan
JTA-JVZ	Mongolia
JWA-JXZ	Norway
JYA-JYZ	Jordan
JZA-JZZ	Irian
KAA-KZZ	United States
LAA-LNZ	Norway
LOA-LWZ	Argentina
LXA-LXZ	Luxembourg
LYA-LYZ	Lithuania
LZA-LZZ	Bulgaria
MAA-MZZ	Great Britain
NAA-NZZ	United States
OAA-OCZ	Peru
ODA-ODZ	Lebanon
OEA-OEZ	Austria
OFA-OJZ	Finland
OKA-OMZ	Czechoslovakia
ONA-OTZ	Belgium
OUA-OZZ	Denmark
PAA-PIZ	Netherlands
PJA-PJZ	Netherlands Antilles
PKA-POZ	Indonesia
PPA-PYZ	Brazil
PZA-PZZ	Surinam
QAA-QZZ	(Service abbreviations)
RAA-RZZ	Soviet Union
SAA-SMZ	Sweden
SNA-SRZ	Poland
SSA-SSM	United Arab Republic

SSN-STZ	Sudan
SUA-SUZ	United Arab Republic
SVA-SZZ	Greece
TAA-TCZ	Turkey
TDA-TDZ	Guatemala
TEA-TEZ	Costa Rica
TFA-TFZ	Iceland
TGA-TGZ	Guatemala
THA-THZ	France and Territories
TIA-TIZ	Costa Rica
TJA-TJZ	Cameroon
TKA-TKZ	France and Territories
TLA-TLZ	Central African Republic
TMA-TMZ	France and Territories
TNA-TNZ	Congo (Brazzaville)
TOA-TQZ	France and Territories
TRA-TRZ	Gabon
TSA-TSZ	Tunisia
TTA-TTZ	Chad
TUA-TUZ	Ivory Coast
TVA-TVZ	France and Territories
TYA-TYZ	Dahomey
TZA-TZZ	Mali
UAA-UQZ	Soviet Union
URA-UTZ	Soviet Ukraine
UUA-UZZ	Soviet Union
VAA-VGZ	Canada
VHA-VNZ	Australia
VOA-VOZ	Canada
VPA-VSZ	British Territories
VTA-VWZ	India
VXA-VYZ	Canada
VZA-VZZ	Australia
WAA-WZZ	United States
XAA-XIZ	Mexico
XJA-XOZ	Canada
XPA-XPZ	Denmark
XQA-XRZ	Chile
XSA-XSZ	China
XTA-XTZ	Upper Volta
XUA-XUZ	Cambodia
XVA-XVZ	Vietnam
XWA-XWZ	Laos
XXA-XXZ	Portuguese Territories
XYA-XZZ	Burma
YAA-YAZ	Afghanistan
YBA-YHZ	Indonesia
YIA-YIZ	Iraq
YJA-YJZ	New Hebrides
YKA-YKZ	Syria
YLA-LYZ	Latvia
YMA-YMZ	Turkey
YNA-YNZ	Nicaragua
YOA-YRZ	Romania
YSA-YSZ	El Salvador
YTA-YUZ	Yugoslavia
YVA-YYZ	Venezuela
YZA-YZZ	Yugoslavia
ZAA-ZAZ	Albania
ZBA-ZJZ	British Territories
ZKA-ZMZ	New Zealand
ZNA-ZOZ	British Territories
ZPA-ZPZ	Paraguay
ZQA-ZQZ	British Territories
ZRA-ZUZ	South Africa
ZVA-ZZZ	Brazil
2AA-2ZZ	Great Britain
3AA-3AZ	Monaco
3BA-3FZ	Canada
3CA-3CZ	Equatorial Guinea
3DA-3FZ	Canada
3GA-3GZ	Chile
3HA-3UZ	China
3VA-3VZ	Tunisia
3WA-3WZ	Vietnam
3XA-3XZ	Guinea
3YA-3YZ	Norway
3ZA-3ZZ	Poland
4AA-4CZ	Mexico
4DA-4IZ	Philippines
4JA-4LZ	Soviet Union
4MA-4MZ	Venezuela
4NA-4OZ	Yugoslavia
4PA-4SZ	Ceylon
4TA-4TZ	Peru
4UA-4UZ	United Nations
4VA-4VZ	Haiti
4WA-4WZ	Yemen
4XA-4XZ	Israel
4YA-4YZ	International Civil Aviation Organization
4ZA-4ZZ	Israel
5AA-5AZ	Libya
5BA-5BZ	Cyprus
5CA-5GZ	Morocco
5HA-5IZ	Tanzania
5JA-5KZ	Colombia
5LA-5MZ	Liberia
5NA-5OZ	Nigeria
5PA-5QZ	Denmark
5RA-5SZ	Malagasy
5TA-5TZ	Mauretania
5UA-5UZ	Niger
5VA-5VZ	Togo
5WA-5WZ	Western Samoa
5XA-5XZ	Uganda
5YA-5ZZ	Kenya
6AA-6BZ	United Arab Republic
6CA-6CZ	Syria
6DA-6JZ	Mexico
6KA-6NZ	Korea
6OA-6OZ	Somali
6PA-6SZ	Pakistan
6TA-6UZ	Sudan
6VA-6WZ	Senegal
6XA-6XZ	Malagasy
6YA-6YZ	Jamaica
6ZA-6ZZ	Liberia
7AA-7IZ	Indonesia
7JA-7NZ	Japan
7OA-7OZ	South Yemen
7QA-7QZ	Malawi
7RA-7RZ	Algeria
7SA-7SZ	Sweden
7TA-7YZ	Algeria
7ZA-7ZZ	Saudi Arabia
8AA-8IZ	Indonesia
8JA-8NZ	Japan
8OA-8OZ	Botswana
8PA-8PZ	Barbados
8QA-8QZ	Maldive Islands
8RA-8RZ	Guyana
8SA-8SZ	Sweden
8TA-8YZ	India
8ZA-8ZZ	Saudi Arabia
9AA-9AZ	San Marino
9BA-9DZ	Iran
9EA-9FZ	Ethiopa
9GA-9GZ	Ghana
9HA-9HZ	Malta
9IA-9JZ	Zambia
9KA-9KZ	Kuwait
9LA-9LZ	Sierra Leone
9MA-9MZ	Malaysia
9NA-9NZ	Nepal
9OA-9TZ	Congo (Leopoldville)
9UA-9UZ	Burundi
9VA-9VZ	Singapore
9WA-9WZ	Malaysia
9XA-9XZ	Rwanda
9YA-9ZZ	Trinidad and Tobago
A2A-A2Z	Botswana
C2A-C2Z	Nauru
C3A-C3Z	Andorra
L2A-L9Z	Argentina

The SINFO System of Rating Reception Quality

Many international organizations have attempted to agree on one system of Radio Reception Signal Reporting. One of the most widely used is the SINFO system as noted below.

Rating	S Signal Strength	I Interference from other stations	N Noise (static)	F Fading	O Overall merit
5	excellent	none	none	none	excellent
4	good	slight	slight	slow	good
3	fair	moderate	moderate	moderate	fair
2	poor	severe	severe	fast	poor
1	barely audible	extreme	extreme	very fast	unusable

Note: In some cases, "P" is used instead of "F" (P = propagation disturbance). Professional SWL/Monitoring services also include ratings on Modulation (quality and depth); these characteristics typically are monitored with the use of an oscilloscope.

LOG APPLICATION: ☒ Amateur Radio ☐ Citizen's Band ☐ Short Wave Listening

NANCY

SUSAN - SUGAR, UNIFORM SUGAR, ALPHA, [redacted]

DATE TIME 1978	STATION CALLED OR MONITORED	CALLED OR MONITORED BY	HIS FREQ. OR CHANNEL	HIS SIGNAL STRENGTH AND QUALITY	For Amateur & CB Use: MY SIGNAL RST	FREQ. OR CHANNEL	EMISSION TYPE	POWER INPUT (WATTS)	TIME OF END OF QSO	Remarks (Name, type of equipment and notes on purpose of communication for Amateur & CB) [country, program, antenna, receiver, etc., for SWL]	QSL S	QSL R
8-18												
0230	WD5KFT	X	28.140	599	599	28.140	A1	200		CLARITA + OTHERS - FIRST QSO.!		X
10/21	[redacted]		50.115	3-3		50.115	A3	200	0047	ROY FIRST PHONE FLA		
10/21	W04FAB			59	599	50.125		200	0050	DICK		
12/31	(NSANC)											
0150	WA7EPH	X	.115							DEAN ag.		
0155	KT3TBZ		.125	599	599		A3	200		DICK NV.		
0200	KA5CEB		6m	599	599		-	-		ED. NM.		
0210	K7NV	Ed	6m				-	-		GON NV.		
0220	WB7CEH		6m				-	-		MIKE ag		
0234	WB6CXF	Gene	6m				-	/		Gene Calif		
0235	WB7VND	Ward	6m				-	/		Ward ag.		
1328	19AGK	Tim	6m							NEO		
0336	WB8IJV	DON	6m							WEST VIRGINIA		
0340	W3KMBZ	Ed	6m							MARYLAND HIGHTSVILLE		
0345	WB8GEK	JOE	6m							OHIO		
0350	WB2MMX	WADE	6m	59	59					N.J.		
0400	W8ULC	RED	6m	59						WELLTON OHIO		
0420	WB3ETZ	BRUCE	6m	59						SILVER SPRING MARYLAND		
0425	WA8[redacted]	[redacted]								OHIO		
0430	WA4VBK	DOW	6m							KENTUCKY		
0435	WB8BEW	ADRIAN	6m							OHIO,		
2220	WA3T[redacted]	JOHN								PENN.		
2225	WB3FLR	[redacted]								WILLIAMSPORT PENN.		
2230	W3LG	[redacted]										
2235	WA3TIH	JOHN		1195								
2240	W2IDZ	ED		239						CALDWELL, NEW JERSEY		

6m – 50-54 MHz Swan 250C
50.1 - 5.25

leave slt 50.110

Most Repeaters are repeaters
no repeaters (146.52 - 146.55 - 146.57

LOG APPLICATION: ☒ Amateur Radio ☐ Citizen's Band ☐ Short Wave Listening

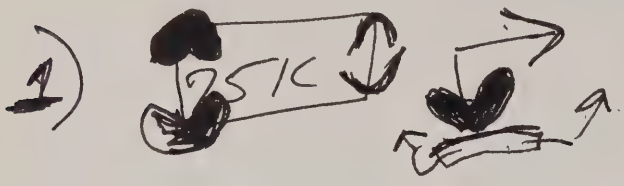
DATE TIME	STATION CALLED OR MONITORED	CALLED OR MONITORED BY	HIS FREQ. OR CHANNEL	HIS SIGNAL STRENGTH AND QUALITY	For Amateur & CB Use: MY SIGNAL RST	FREQ. OR CHANNEL	EMISSION TYPE	POWER INPUT (WATTS)	TIME OF END OF QSO	Remarks (Name, type of equipment and notes on purpose of communication for Amateur & CB) [country, program, antenna, receiver, etc., for SWL]	QSL S	QSL R
2250	K2LBK	Sam								old Bethpage, Long Island		
2305	WB2CCO	Charlie	2319									
2300	N2ASC	Dan	3654							Burlington N.J.		
2309	WB8PLP	Jim QSL	517									
2314	WB2TFH	George	1849									
2319	WB3LSY	Jim	2704							Saddlebrook N.J Maryland		
2324	K2SGX	Hal	1801							Denville		
2328	WB3ANT	Carl								White Haven, Penn.		
2333	WA8JMO	Don								ohio		
2337	WB8IGY	John										
0123	WB6YPT	AL								AL		
0130	W6SMS	Zip	1030							Fresno		
0136	WB7PKD	Jack	2710							New Turnville		
0146	N1AKB	TOD										
0201	WB7QBS	Calvin	975							Yuma Ariz		
0207	WD6GIN QSL	TOM								near S.D.		
0215	N7ARC QSL	John										
0225	W6GUP	Harry QSL	Virg.							Blyth Calif. — 100		
0235	K6GMV	George								near L.A. Claremont Cf		
0310	KA6CSN	Bill								San Diego		
0315	WB6LMH	Connie								San Gabriel		
0320	WA6PMX	David								La Palma,		
0325	K6PFW	Steve								Upland		
0330	K6JZK	Duffy QSL										
	~~WB6~~	~~Harry~~										
0330	WB6HEA	Harry								tnx.		
0330	K6PHE	Bob										
0350	WB6VSZ -	Clow										

LOG APPLICATION: ☐ Amateur Radio ☐ Citizen's Band ☐ Short Wave Listening

DATE TIME 2-18	STATION CALLED OR MONITORED	CALLED OR MONITORED BY	HIS FREQ. OR CHANNEL	HIS SIGNAL STRENGTH AND QUALITY	For Amateur & CB Use: MY SIGNAL RST	FREQ. OR CHANNEL	EMISSION TYPE	POWER INPUT (WATTS)	TIME OF END OF QSO	Remarks (Name, type of equipment and notes on purpose of communication for Amateur & CB) [country, program, antenna, receiver, etc., for SWL]	QSL S	QSL R
1852	KH6NS	X	20.113	54	54		3A3			QD -		
1902	KH6IAA		.105	59	59		3A3			AL		
1905												
1527	K4ERO/HC		.111	54	55					Jake 9/4 K5SWL		
4/7	F											
2208	LU7FA		20116	5/6	5/9		3A3			Ricardo Argenta		
2255	WB7HOV			5/9	5/9					Nola		
	WA6MHZ	WA6MHZ								Pat		
	WA6PEV		8	59	59					Ron		
	N5FM									Frank N4 Okla. City		
	WD5FK											
	K6GMV									George		
	K5HFN	15.14								Claremont Co of L.A.		
	WA6LDV	Steve								Fred		
11/5/79										L.A. Covina		
1952	WL7ACY	DAVE		59	59					FAIRBANKS, ALASKA		
11/6/79												
2225	JA8QX	MIKU		58	59					Hokkaido, Japan		
11/8/79	KX6AQ			59	59							
2026												
11/23	162 3/5 12W	Harry		58	58	20.110				Ireland		
11/26												
0930	KG6DX			59	59	20.103						
0935	KG6JDX			58	58	20.103						

LOG APPLICATION: ☐ Amateur Radio ☐ Citizen's Band ☐ Short Wave Listening

DATE TIME	STATION CALLED OR MONITORED	CALLED OR MONITORED BY	HIS FREQ. OR CHANNEL	HIS SIGNAL STRENGTH AND QUALITY	For Amateur & CB Use					Remarks	QSL	
					MY SIGNAL RST	FREQ. OR CHANNEL	EMISSION TYPE	POWER INPUT (WATTS)	TIME OF END OF QSO	(Name, type of equipment and notes on purpose of communication for Amateur & CB) [country, program, antenna, receiver, etc., for SWL]	S	R

1) 

Mary checking
~~Sept~~ 3rd 3704 Mon thru Fri

~~WDS BYJ~~

like 9:00 time better

WD5BYJ - Kay
I remember

any yl's out there - don't be afraid to speak up because you do have as much to contribute as I do

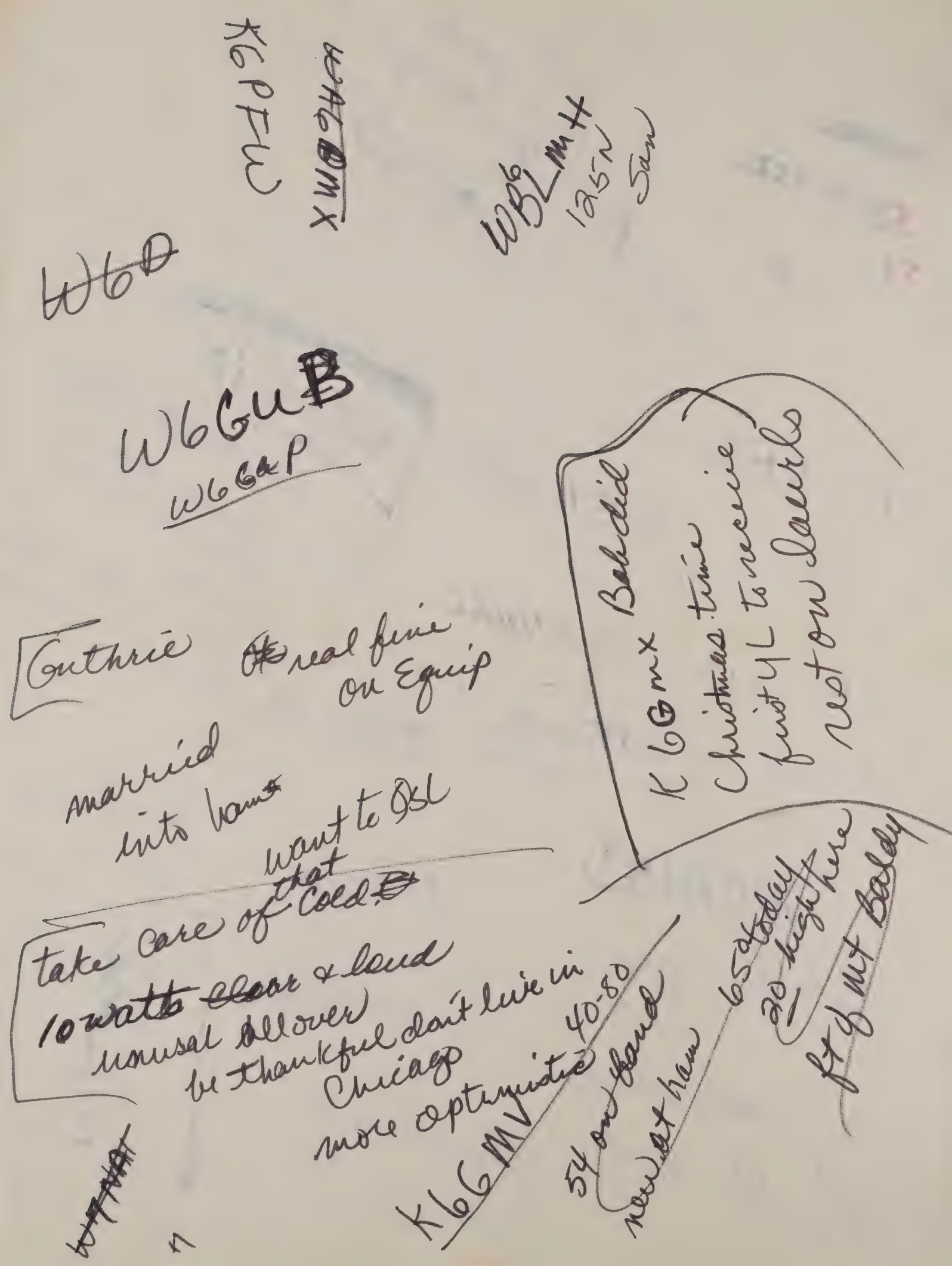
potatoes, ~~Swiss~~ chard
sprayed potato bug

Claire
Mary
Judy
Pat
Kaly

21 purple grapes
28 purple Apes
One of the purple Apes wakes
And he eats 17 purple grapes
one of the hard workings Apes
rakes the yard with Snakes

From Tac

from New York
San Diego 60°
married tonight
tonight
WB6VSZ
52
57
KA6CSN
WB6GIN
VB7QBS
W5KHT
ND2/VIC2
70S
Able Victor Charlie
from Okla.
here last year
Dec. 1 in Fa. cold
real good on equip
VKCAS
Alfa Victor Charlie
ØFNG
Barbara
250
N7ARC
S/E Ariz
5-7
200
80 watts
5-9
5-9 — one
Sw. in high school
17 yrs old
4500 ft high
15 worth
Jim likes
Sam all last one
QSL Smack


KGPFW
WA6BMX
W6D
WBLMX
135N
San
W6GUB
W6GAP
Guthrie
real fine
on Equip
married
into ham
want to get
take care of that
Cold.
10 watts clear & loud
unusual all over
be thankful don't live in
Chicago
more optimistic
K66MV
40-80
54 on band
now at ham
65 today
20 right here
for 9 mt Bailey
Bakalich
K6GMX
Christmas time
first YL to receive
not on bands

50 inches of rain

Kids to snow - ~~[illegible]~~

work for ~~FAA~~

1st April 46

K6IZK

Okay equip

Om Name - K6EDA
W6KHT

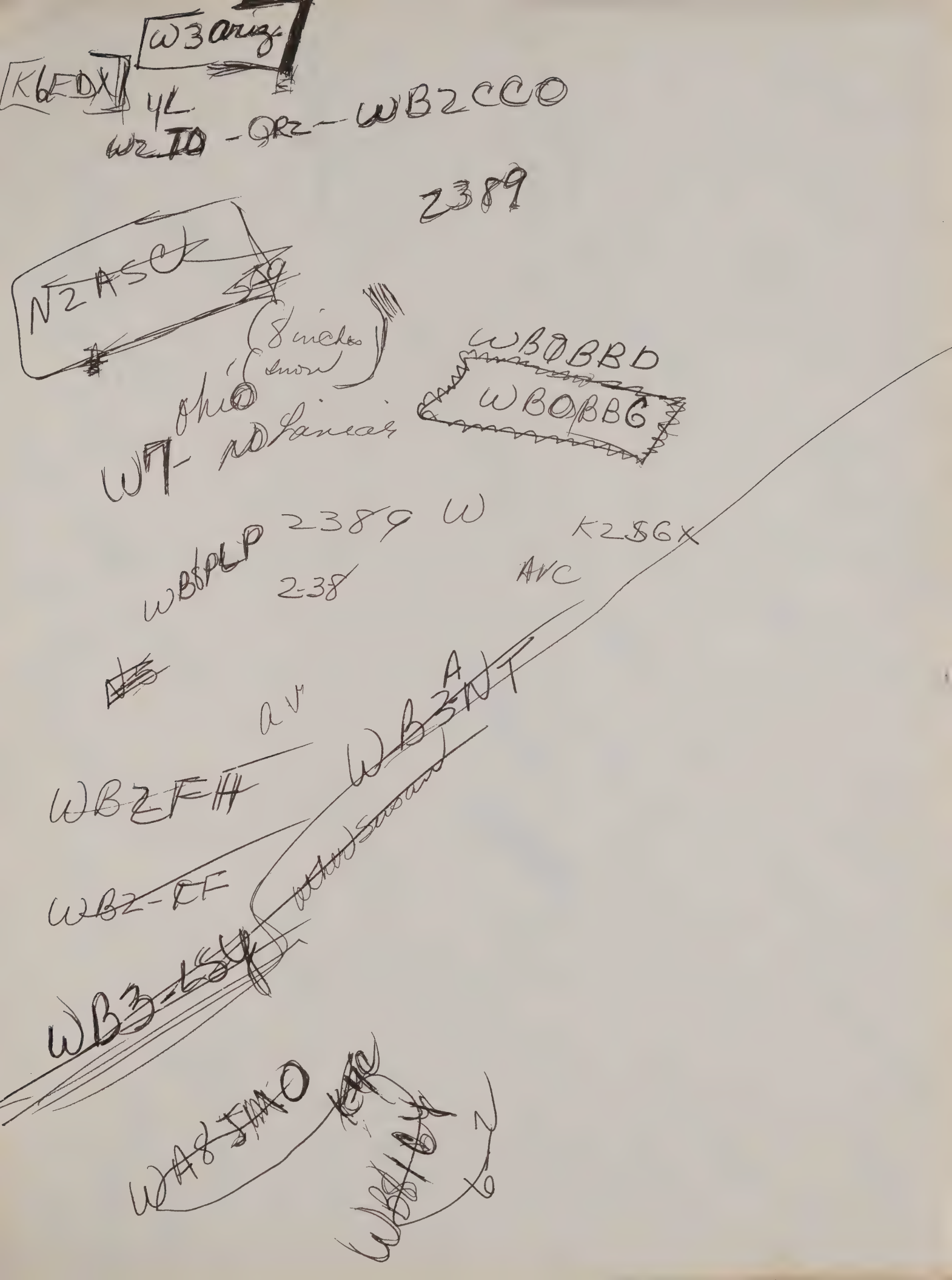
Glad to QSL
your equip

Duffy take care of
flu
Watts Harvey

Service Rep. for telephone

Keep cool. Thanks for
Kind words

WB6DSZ


W3ariz
K6EDX
4L
WB2CCO - QRZ
2389
N2ASC
(8 inches snow)
WB0BBD
WB0BBG
2389 W
K2SGX
AVC
WB8PLP
2-38
WB2FFH
WB2FF
WB3-ESU
WA8SMO

Chicago

Wheaton

XYL

WB9MMX
WB2MMX

5 members in group

(Chicago) 39

W3/LG-mick

Althea 607

10 meters

N53KG

W8AVC

W2102

N5 AVC

Icom-280

100

(Quite windy there)

goodluck on telephone

WB8ETS

WA8UDB (across lines)

WA8QUB

Don't like weather stick around

WA8QUB

Oswego, N.Y.

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CQ CQ CQ (six/two) ... Here is KA5BNP Kilowatt Alpha Five Boston Nancy Poppa KA5BNP

6 OR 2

(repeat two times and then say)

KA5BNP interim DL near Oklahoma City is standby by.

....

6

On six meters when there is DX coming in:

CQ DX CQ DX CQ DX six meters CQ DX CQ DX CQ DX six meters ... here is the state of Oklahoma ... KA5BNP ... Kilowatt Alpha Five Boston Nancy Poppa KA5 BNP in Oklahoma calling CQ DX and standing by.

.....

2

CQ two .. CQ two ... CQ two this is KA5BNP ... kilowatt alpha five boston nancy poppa ... KA5 BNP interim DL near Oklahoma City calling CQ and standing by

...

After raising some people:

What you say:

WB4PSI Fox WD4FAB Ella, Did WBK 2 meter 625 25.

Thank you for coming back to my CQ ...

My name is Susan ... Susan and I am located north of Oklahoma City in southern Logan County.

You have a (good) (Q5) signal here on my Clegg FM27B transceiver. I am new at phone as I have just recently upgraded to Technician class so please bear with me. The OM here is Bob, W5KHT and the rig I am on here doesn't get much use. The antenna is a 6 db gain omni 135 feet above ground. vertical

So back to you ... (his call) (this is KA5BNP interim DL) - Go ahead please.

TO CALL CQ

CQ CQ CQ DE KA5BNP KA5BNP

CQ CQ CQ DE KA5BNP KA5BNP

K

TO ANSWER A CQ

WD5KFT WD5KFT DE KA5BNP KA5BNP

AR

SHORT FORM ANSWER TO CQ

WD5KFT DE KA5BNP KN

TO CLOSE A TRANSMISSION

— — — WD5KFT DE KA5BNP KN

TO SEND FINAL TRANSMISSION

— — — 73 ES CUL WD5KFT

DE KA5BNP SK

CLARA

WD5KFT WD5KFT DE KA5BNP KA5BNP
/ Hi CLARITA / NOW I HAVE DONE
THIS I AM GOING TO FAINT /
UR 599 NATCH / BK TO U /
WD5KFT DE KA5BNP /KN

LET ME BOW OUT 73

SAMPLE QSO

1) AFTER CALLING CQ — SOMEONE ANSWERS YOU

2) ___ ___ DE KA5BNP KA5BNP
FB ES TNX FER CALL / UR RST
RST 579 579 HR NR GUTHRIE /
GUTHRIE OKLAHOMA / NAME HR IS
SUSAN / SUSAN / SO
DE KA5BNP HW CPY ___
KN

___ — 2ND TRANSMISSION

3) ___ ___ DE KA5BNP KA5BNP
FB (NAME) GUD CPY HR / I HAVE
BEEN LICENSED SHORT TIME AND THIS
IS ALL NEW TO ME. PSE QSL VIA
W5KHT/W5KHT IN CALL BOOK / HE IS MY
OM. WELL TNX FER CALL AGN
AND CUL / 73 / ___ DE
KA5BNP SK

USEFUL ABBREVIATIONS

AR — SEND WHEN CALLING SPECIFIC STATION

- - - -

AS — STANDBY

OR — "

QRX —

- - - -

R — ROGER

- - - -

K — ANY STATION TRANSMIT

- - - -

KN — ONLY ADDRESSED STATION TRANSMIT

- - - - -

SK — END OF YOUR LAST TRANSMISSION FOR THAT CONTACT

- - - -

CL — STATION LEAVING AIR

8/17/88 – 0230 GMT

WD5KFT OK SUSAN TH U WR TO NTHE AIR JLEAST COME ?ACK U HOUN D GREAT 1Ca5BNP DE

RR – 1CA5BNP DE WD5KFT
FB SUSAN ES KNOW VBaDNT FaSNT UK NOW U RaRe a LSaM: a M PROUD OF U. 1Ca5BNP

KK1Ca5BNP DE WD5K
YR BU U R PRETTY FRST TO UNOM OFF ALL oa y:

---

2 73 Hi

W5PAA KN CLARA SHE #OUNDED GuD. U WISH SHE #ADS TAYED A LITTLE LONGER. GUESS WE HV JUST a BT SAD THE FREQ. ~~LO~~ LONGeNVF: HOPE NIZAMES JACK RONTHESIDE.

WD5HKF

W5PAA

WD5KFT

NIZAM WB ILL TO JOIN US CLARA
SO WILL TAKE A STBY TO
LET HIM SHOLHIMSELF .RTRN
NIZAM WD5KFT ES WB5ILE
DE W5PAA

OR WD5ILE DE
GUTSS He is NOT THERE
OGOA HeaDCLARA KN

W5PAA DE WD5KFT FB JERRY
ES AN VITED JACK ES SUSAN
ALSO. AN JUST WANT TK
ED COPY. KEOUW5PAA DE WD5KFT
KN / WD5KFT DE W5PAA U RE PRETTY
WEAK HR CLARA BUT UCR ~~YREA~~ READ:
ABLE - SW BOUCPY? BK TO WD5KFT
DE W5PAA

u RST is 45N

T BaD HR T/CPY ONLY BF

DID u Hve NICE KAY WS

R YES I HAD a PRETTY GUD BAY EXC
EPT MY TUANT. LE WOVER #i - I GOT
A BKUPWITH JENNY SHE LP: SHE NERES
OF BAY LOUNGI&LOU NGING. WWAS
u RB? BK TO WDSKFT

ON GUD DAZ GOT MY FERST
QSL CARD FROM BOGOTA, CAS PUED.

AMUSING ANT TUNER CER FERST
TIME SWR ON ZERO. LETS STANDBY
ES SEE WHO IS LISTENING

KA5BNP IS SUE JUST
WAS TOLD IS TCN
HR NT BEEN
ON AIR.

SHE PLANS
TO TRY CW
THIS WEEK

Radio Shack®

A TANDY CORPORATION COMPANY

FORT WORTH, TEXAS 76107

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